

Set	Items	Description
-----		
? E	AU=JESSOUROUN, ELLEN	

  

Ref	Items	Index-term
E1	11	AU=JESSOUROUN, E
E2	8	AU=JESSOUROUN, E
E3	4	*AU=JESSOUROUN, ELLEN
E4	1	AU=JESSP M A
E5	2	AU=JESSPO J F
E6	2	AU=JESSPO, J. F.
E7	7	AU=JESSRI H
E8	1	AU=JESSRI HAI SSAM
E9	2	AU=JESSRI M
E10	9	AU=JESSRI M
E11	2	AU=JESSRI MARYAM
E12	4	AU=JESSRI, H

Enter P or PAGE for more

? S E1-E3

	11	AU=JESSOUROUN, E
	8	AU=JESSOUROUN, E
	4	AU=JESSOUROUN, ELLEN
S1	23	E1-E3

? S S1 AND SACCHARI DE

	23	S1
	225117	SACCHARI DE
S2	4	S1 AND SACCHARI DE

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S3 4 RD (unique items)

? T S3/3, K/1-4

>>>KWC option is not available in file(s): 399

3/3, K/1 (Item 1 from file: 399)

DI ALCG R) File 399: CA SEARCH R)

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145123146 CA: 145(7)123146x JOURNAL  
 Capsular polysaccharide production by *Neisseria meningitidis* serogroup C:  
 Optimization of process variables using response surface methodology  
 AUTHOR(S): Henriques, A. W. S.; Jessouroun, E.; Lima, E. L.; Alves, T. L.

M  
 LOCATION: Rua Senador Furtado, CEFETEQ, 20270-021, Maracana - Rio de Janeiro, Brazil

JOURNAL: Process Biochem (Amsterdam, Neth.) (Process Biochemistry (Amsterdam, Netherlands)) DATE: 2006 VOLUME: 41 NUMBER: 8 PAGES: 1822-1828 CODEN: PSCHES ISSN: 1359-5113 PUBLISHER: ITEM IDENTIFIER: 1359-5113(06)00132-2 LANGUAGE: English PUBLISHER: Elsevier B. V.

3/3, K/2 (Item 2 from file: 399)

DI ALCG R) File 399: CA SEARCH R)

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144169606 CA: 144(10)169606e JOURNAL  
 Mathematical modeling of capsular polysaccharide production by *Neisseria*  
 Page 1

10566898.txt

meningitidis serogroup C in bioreactors

AUTHOR(S): Henriques, A. W. S.; Jessouroun, E.; Lima, E. L.; Alves, T. L.

M

LOCATION: Faculdade de Farmácia, Subreitoria de Ciências da Saúde,

Universidade Estadual de São Carlos, CEP 20261-060, Rio de Janeiro, Brazil

JOURNAL: Braz. J. Chem. Eng. (Brazilian Journal of Chemical Engineering)

DATE: 2005 VOLUME: 22 NUMBER: 4 PAGES: 585-592 CODEN: BJCEJG ISSN:

0104-6632 LANGUAGE: English PUBLISHER: Brazilian Society of Chemical Engineering

3/3, K/3 (Item 3 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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142428760 CA: 142(23)428760w PATENT

Polysaccharide-protein conjugate vaccine preparation

INVENTOR(AUTHOR): Jessouroun, Ellen; Da Silveira, Ivana Alana Freitas

Brasileiro; Bastos, Renata Chagas; Frasch, Carl E.; Lee, Che-Hung Robert

LOCATION: USA

ASSIGNEE: The Government of the United States of America, as Represented by the Secretary Department of Health and Human Services

PATENT: PCT International ; WO 200537320 A2 DATE: 20050428

APPLICATION: WO 2004US26431 (20040806) \*US 2003PV493389 (20030806)

PAGES: 41 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATION:

CLASS: A61K 047/48A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NZ; NA; NI; NO; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; KE; LS; MW; NZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW AM: AZ; BY; KG; KZ; MD; RU; TJ; TM AT: BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3, K/4 (Item 4 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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141258956 CA: 141(16)258956z JOURNAL

Outer membrane vesicles (OMVs) and detoxified lipooligosaccharide (dLOS)

obtained from Brazilian prevalent N. meningitidis serogroup B strains

protect mice against homologous and heterologous meningococcal infection and septic shock

AUTHOR(S): Jessouroun, Ellen; Da Silveira, Ivana F. B.; Laranjeira, Andrea P.; Pereira, Solange; Fernandes, Solange A.; Fabinovitch, Leon; Frasch, Carl E.; Castro-Faria-Neto, Hugo C.; Bozza, Patricia T.

LOCATION: Departamento de Desenvolvimento Tecnológico - Bio-Manguinhos, FIOCRUZ, Laboratório de Tecnologias Bacterianas, Rio de Janeiro, Brazil

JOURNAL: Vaccine (Vaccine) DATE: 2004 VOLUME: 22 NUMBER: 20 PAGES:

2617-2625 CODEN: VACCDE ISSN: 0264-410X PUBLISHER: Elsevier Science B.V.

0264-410X(03)00874-0 LANGUAGE: English PUBLISHER: Elsevier Science Ltd.

? E AU=BRASIL RIO DA SILVERNA, IVANA

Ref Items Index-term

E1 1 AU=BRASIL RIO CLEANTO F

E2 1 AU=BRASIL RIO DA SILVEIRA, IVANA ALANA FREITAS

E3 0 \*AU=BRASIL RIO DA SILVERNA, IVANA

E4 3 AU=BRASIL RIO DE AGUIAR G

E5 2 AU=BRASI LEI RO DE AGUI AR GUI LHERME  
 E6 1 AU=BRASI LEI RO DE AGUI AR GUI LHERME  
 E7 3 AU=BRASI LEI RO DE ALENCAR CARLOS AUGUSTO  
 E8 1 AU=BRASI LEI RO DE ALMEI DA M  
 E9 1 AU=BRASI LEI RO DE ALVARENGA ADRI ANO BRAGA  
 E10 1 AU=BRASI LEI RO DE ALVARENGA ADRI ANO BRAGA  
 E11 1 AU=BRASI LEI RO DOS SANTOS, GERALDO CHESTER  
 E12 1 AU=BRASI LEI RO E

Enter P or PAGE for more

? S E1-E12

1 AU=BRASI LEI RO CLEANTO F  
 1 AU=BRASI LEI RO DA SI LVEI RA, I VNA ALANA FREI TAS  
 0 AU=BRASI LEI RO DA SI LVERNA, I VNA  
 3 AU=BRASI LEI RO DE AGUI AR G  
 2 AU=BRASI LEI RO DE AGUI AR GUI LHERME  
 1 AU=BRASI LEI RO DE AGUI AR GUI LHERME  
 3 AU=BRASI LEI RO DE ALENCAR CARLOS AUGUSTO  
 1 AU=BRASI LEI RO DE ALMEI DA M  
 1 AU=BRASI LEI RO DE ALVARENGA ADRI ANO BRAGA  
 1 AU=BRASI LEI RO DE ALVARENGA ADRI ANO BRAGA  
 1 AU=BRASI LEI RO DOS SANTOS, GERALDO CHESTER  
 1 AU=BRASI LEI RO E

S4 16 E1-E12

? S S4 AND SACCHARI DE

16 S4  
 225117 SACCHARI DE

S5 0 S4 AND SACCHARI DE

? S S16 AND POLYSACCHARI DE

>>>"S16" does not exist

0 S16  
 399573 POLYSACCHARI DE

S6 0 S16 AND POLYSACCHARI DE

? S S4 AND POLYSACCHARI DE

16 S4  
 503 POLYSACCHARI DE  
 S7 0 S4 AND POLYSACCHARI DE

? S S4 AND POLYSACCHARI DE

16 S4  
 399573 POLYSACCHARI DE  
 S8 0 S4 AND POLYSACCHARI DE

? S S4

S9 16 S4

? DS

Set	Items	Description
S1	23	E1-E3
S2	4	S1 AND SACCHARI DE
S3	4	FD (unique items)
S4	16	E1-E12
S5	0	S4 AND SACCHARI DE
S6	0	S16 AND POLYSACCHARI DE
S7	0	S4 AND POLYSACCHARI DE
S8	0	S4 AND POLYSACCHARI DE
S9	16	S4

? T S9/3, K/1-16

>>>KW C option is not available in file(s): 399

9/3, K/1 (Item 1 from file: 5)  
 DI ALCO (R) File 5: Biosis Previews (R)  
 (c) 2010 The Thomson Corporation. All rts. reserv.

0021396692 BIOSIS NO.: 201000075715

10566898.txt

Grass height and soil cover under nitrogen fertilization, irrigation and grazing during the seasons of the year.  
ORIGINAL LANGUAGE TITLE: Altura de capins e cobertura do solo sob adubacao nitrogenada, irrigacao e pastejo nas estacoes do ano  
AUTHOR: Brasileiro de Alencar Carlos Augusto (Reprint); Coser Antonio Carlos; Martins Carlos Eugenio; de Oliveira Rubens Alves; da Cunha Fernando Franca; Aguiar Figueiredo Jose Luis  
AUTHOR ADDRESS: Univ Fed Vicosa, Dept Agr Engrn, Av Peter Henry Rolfs S-N, BR-36570000 Vicosa, MG, Brazil\*\*Brazil  
AUTHOR E-MAIL ADDRESS: c.brasileiro@yahoo.com.br  
JOURNAL: Acta Scientiarum Agronomy 32 (1): p21-27 JAN-MAR 2010 2010  
ITEM IDENTIFIER: doi:10.4025/actasci agron.v32i1.319  
ISSN: 1679-9275\_(print) 1807-8621\_(electronic)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Portuguese

AUTHOR: Brasileiro de Alencar Carlos Augusto...

9/3, K/2 (Item 2 from file: 5)  
DIALOG(R) File 5: Biosis Previews(R)  
(c) 2010 The Thomson Corporation. All rts. reserv.

0021358345 B I O S I S N O . : 201000037368  
Pasture irrigation: present and recommendations for use and management  
ORIGINAL LANGUAGE TITLE: Irrigacao de pastagem atualidade e recomendacoes para uso e manejo  
AUTHOR: Brasileiro de Alencar Carlos Augusto (Reprint); da Cunha Fernando Franca; Martins Carlos Eugenio; Coser Antonio Carlos; Duarte da Rocha Wáldson Sebastiao; Silva Araujo Rodrigo Antonio  
AUTHOR ADDRESS: Univ Fed Vicosa, Dept Agr Engrn, Vicosa, MG, Brazil\*\*Brazil  
AUTHOR E-MAIL ADDRESS: brasileiro@yahoo.com.br  
JOURNAL: Revista Brasileira de Zootecnia 38 (Suppl. S): p98-108 JUL 2009 2009  
ISSN: 1516-3598  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Portuguese

AUTHOR: Brasileiro de Alencar Carlos Augusto...

9/3, K/3 (Item 3 from file: 5)  
DIALOG(R) File 5: Biosis Previews(R)  
(c) 2010 The Thomson Corporation. All rts. reserv.

0021261364 B I O S I S N O . : 200900602801  
Irrigation depth and annual seasons in the soil cover and height of the grasses under cut  
ORIGINAL LANGUAGE TITLE: Laminas de irrigacao e estacoes anuais na cobertura do solo e altura de gramneas cultivadas sob corte  
AUTHOR: Brasileiro de Alencar Carlos Augusto (Reprint); de Oliveira Rubens Alves; Martins Carlos Eugenio; Coser Antonio Carlos; Aguiar Figueiredo Jose Luis; da Cunha Fernando Franca  
AUTHOR ADDRESS: Univ Fed Vicosa, Dept Agr Engrn, Ctr Ciencias Agr, Av Peter Henry Rolfs S-N, BR-36570000 Vicosa, MG, Brazil\*\*Brazil  
AUTHOR E-MAIL ADDRESS: c.brasileiro@yahoo.com.br  
JOURNAL: Acta Scientiarum Agronomy 31 (3): p467-472 JUL-SEP 2009 2009  
ITEM IDENTIFIER: doi:10.4025/actasci agron.v31i3.381  
ISSN: 1679-9275  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract

LANGUAGE: Portuguese

AUTHOR: Brasileiro de Alencar Carlos Augusto...

9/3, K/4 (Item 4 from file: 5)  
 DI ALCG(R) File 5: Biosis Previews(R)  
 (c) 2010 The Thomson Corporation. All rts. reserv.

0020304251 BIOSIS NO.: 200800351190  
 The size of the egg does not predict the physical development of ostriches  
 (Struthio camelus) at fifteen days old  
 ORIGINAL LANGUAGE TITLE: O tamanho do ovo não prediz o desenvolvimento  
 físico de avestruzes (Struthio camelus) aos quinze dias de idade  
 AUTHOR: Brasileiro de Alvarenga Adriano Braga; Boere Vanner (Reprint)  
 AUTHOR ADDRESS: Univ Brasilia, Inst Biol, Dept Ciencias Fisiol, BR-70910900  
 Brasilia, DF, Brazil\*\*Brazil  
 AUTHOR E-MAIL ADDRESS: vanner@nb.br  
 JOURNAL: Ciencia Rural 38 (3): p802-806 MAY-JUN 2008 2008  
 ISSN: 0103-8478  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: Portuguese

AUTHOR: Brasileiro de Alvarenga Adriano Braga...

9/3, K/5 (Item 5 from file: 5)  
 DI ALCG(R) File 5: Biosis Previews(R)  
 (c) 2010 The Thomson Corporation. All rts. reserv.

12448672 BIOSIS NO.: 199497469957  
 Cardiopulmonary exercise testing: Determinants of dyspnea due to cardiac or  
 pulmonary limitation  
 AUTHOR: Messner-Pellenc Patrick (Reprint); Ximenes Carlos; Brasileiro  
 Cleantio F; Mercier Jacques; Grolleau Robert; Prefaut Christian G  
 AUTHOR ADDRESS: Serv. Cardiologie, CHU Arnaud Villeneuve, 34295 Montpellier  
 Cedex 5, France\*\*France  
 JOURNAL: Chest 106 (2): p354-360 1994 1994  
 ISSN: 0012-3692  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English

...AUTHOR: Brasileiro Cleantio F

9/3, K/6 (Item 1 from file: 24)  
 DI ALCG(R) File 24: CSA Life Sciences Abstracts  
 (c) 2010 CSA. All rts. reserv.

0003892414 IP ACCESSION NO: 10952391  
 Enhanced CT View of Contrast Extravasation in a Patient with an Actively  
 Bleeding Aneurysm

Brasileiro de Aguiar, Guilherme; Acioly, Marcus Andre; Zirretta,  
 Jose Carlos; Telles, Carlos; Pinto, Jose Ricardo; Cunha, Alexandre  
 Martins

European Neurology, v 62, n 2, p 126-126, July 2009  
 PUBLICATION DATE: 2009

PUBLISHER: S. Karger AG P.O. Box Basel CH-4009 Switzerland  
 Page 5

DOCUMENT TYPE: Journal Article  
 RECORD TYPE: Citation  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ISSN: 0014-3022  
 ELECTRONIC ISSN: 1421-9913  
 FILE SEGMENT: CSA Neurosciences Abstracts  
 Brasileiro de Aguiar, Guilherme; Acioly, Marcus Andre; Zirretta,  
 Jose Carlos; Telles, Carlos; Pinto, Jose Ricardo; Cunha...

9/3, K/7 (Item 1 from file: 72)  
 DI ALCOR File 72: EMBASE  
 (c) 2010 Elsevier B.V. All rights reserved.

0083158979 EMBASE/Medline No: 2009390056  
 Enhanced CT view of contrast extravasation in a patient with an actively  
 bleeding aneurysm  
 Brasileiro De Aguiar G; Acioly M A; Zirretta J. C.; Telles C;  
 Pinto J. R.; Cunha A. M.  
 Department of Surgical Specialties, Pedro Ernesto University Hospital,  
 State University of Rio de Janeiro, Boulevard Vinte e Cinco de Setembro,  
 77 Vila Isabel, Rio de Janeiro, RJ 20551-900, Brazil  
 AUTHOR EMAIL: marcusacioly@yahoo.com.br  
 CORRESP. AUTHOR/AFFILI: Brasileiro De Aguiar G.; Department of  
 Surgical Specialties, Pedro Ernesto University Hospital, State University  
 of Rio de Janeiro, Boulevard Vinte e Cinco de Setembro, 77 Vila Isabel, Rio  
 de Janeiro, RJ 20551-900, Brazil

European Neurology (Eur. Neurol.) (Switzerland) July 1, 2009, 62/2  
 (126)  
 CODEN: EUNEA ISSN: 0014-3022  
 DOI: 10.1159/000222787  
 DOCUMENT TYPE: Journal; Article RECORD TYPE: Citation  
 LANGUAGE: English  
 NUMBER OF REFERENCES: 1  
 Brasileiro De Aguiar G...  
 CORRESP. AUTHOR/AFFILI: Brasileiro De Aguiar G.; Department of  
 Surgical Specialties, Pedro Ernesto University Hospital, State University  
 of Rio...

9/3, K/8 (Item 1 from file: 73)  
 DI ALCOR File 73: EMBASE  
 (c) 2010 Elsevier B.V. All rights reserved.

0083158979 EMBASE/Medline No: 2009390056  
 Enhanced CT view of contrast extravasation in a patient with an actively  
 bleeding aneurysm  
 Brasileiro De Aguiar G; Acioly M A; Zirretta J. C.; Telles C;  
 Pinto J. R.; Cunha A. M.  
 Department of Surgical Specialties, Pedro Ernesto University Hospital,  
 State University of Rio de Janeiro, Boulevard Vinte e Cinco de Setembro,  
 77 Vila Isabel, Rio de Janeiro, RJ 20551-900, Brazil  
 AUTHOR EMAIL: marcusacioly@yahoo.com.br  
 CORRESP. AUTHOR/AFFILI: Brasileiro De Aguiar G.; Department of  
 Surgical Specialties, Pedro Ernesto University Hospital, State University  
 of Rio de Janeiro, Boulevard Vinte e Cinco de Setembro, 77 Vila Isabel, Rio  
 de Janeiro, RJ 20551-900, Brazil

European Neurology (Eur. Neurol.) (Switzerland) July 1, 2009, 62/2  
 (126)

10566898.txt

CODEN: EUNEA ISSN: 0014-3022

DOI: 10.1159/00022787

DOCUMENT TYPE: Journal; Article RECORD TYPE: Citation

LANGUAGE: English

NUMBER OF REFERENCES: 1

Brasileiro De Aguiar G..

CORRESP. AUTHOR AFFILI: Brasileiro De Aguiar G.: Department of  
Surgical Specialties, Pedro Ernesto University Hospital, State University  
of Rio...

9/3, K/9 (Item 1 from file: 103)

DI ALCQ R) File 103: Energy Sci Tec

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06121511 BR; RN07145713; TVI 0725

Title: Real-time monitoring and control of the oil pipeline networks;  
Monitoramento e controle inteligentes e em tempo real de redes de  
escoamento de petroleo

Author(s): Brasileiro, F.; Galvao, C.; Brasileiro, E.; Catao, B.;  
Souto, C.; Machado, E.; Muniz, M.; Souza, A.; Gomes, A.

[Universidade Federal de Campina Grande, PB (Brazil)]. E-mail:

fubica@sc.ufcg.edu.br; Aloise, D. [Universidade Federal do Rio

Grande do Norte, Natal, RN (Brazil)]; Oliveira, A.; Gomes, C.;

Rolim T.; Boquimpani, C. [PETROBRAS S.A. (Brazil)]

Corporate Source: Instituto Brasileiro de Petroleo e Gas (IBP), Rio de  
Janeiro, RJ (Brazil)

Conference Title: Conference: Rio pipeline 2003 conference and exposition

Conference Location: Brazil Conference Date: 2003

Source: Conference: Rio pipeline 2003 conference and exposition, Rio de  
Janeiro, RJ (Brazil), 21-23 Oct 2003; Other Information: 7 refs., 2  
figs.

Publication Date: 20030701

Availability Date: 20071231

OSTI Number(s): OSTI ID 20963345

Contract Number (Non-DOE): TRN BR0701844

Language: Portuguese

Medium Dimensions: Size: [8] pages

... Author(s): Brasileiro, E

9/3, K/10 (Item 1 from file: 154)

DI ALCQ R) File 154: MEDLINE(R)

(c) format only 2010 Dialog. All rts. reserv.

19388561 PM D: 19506381

Enhanced CT view of contrast extravasation in a patient with an actively  
bleeding aneurysm

Brasileiro de Aguiar Guilherme; Acioly Marcus Andre; Zirretta Jose

Carlos; Telles Carlos; Pinto Jose Ricardo; Cunha Alexandre Martins

Department of Surgical Specialties, Division of Neurosurgery, Pedro  
Ernesto University Hospital, State University of Rio de Janeiro, Rio de  
Janeiro, Brazil.

European neurology (Switzerland) 2009, 62 (2) p126, ISSN 1421-9913

-- Electronic 0014-3022-- Linking Journal Code: 0150760

Publishing Model: Print-Electronic

Document type: Case Reports; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Brasileiro de Aguiar Guilherme; Acioly Marcus Andre; Zirretta Jose

Page 7

10566898.txt

Carlos; Telles Carlos; Pinto Jose Ricardo; Cunha...

9/3, K/11 (Item 1 from file: 155)  
DIALOG File 155: MEDLINE(R)  
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19388561 PMID: 19506381  
Enhanced CT view of contrast extravasation in a patient with an actively bleeding aneurysm  
Brasileiro de Aguiar Guilherme; Acioly Marcus Andre; Zirretta Jose Carlos; Telles Carlos; Pinto Jose Ricardo; Cunha Alexandre Martins  
Department of Surgical Specialties, Division of Neurosurgery, Pedro Ernesto University Hospital, State University of Rio de Janeiro, Rio de Janeiro, Brazil.  
European neurology (Switzerland) 2009, 62 (2) p126, ISSN 1421-9913  
-- Electronic 0014-3022-- Linking Journal Code: 0150760  
Publishing Model Print-Electronic  
Document type: Case Reports; Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

Brasileiro de Aguiar Guilherme; Acioly Marcus Andre; Zirretta Jose Carlos; Telles Carlos; Pinto Jose Ricardo; Cunha...

9/3, K/12 (Item 2 from file: 155)  
DIALOG File 155: MEDLINE(R)  
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01219241 PMID: 14779725 Record Identifier: 5120-9733-19  
[Working women and protection of mothers.]  
O trabalho da mulher e a protecao a mae comericaria.  
BRASILEIRO DE ALMEIDA M  
Medicina del deporte y del trabajo (Not Available) Sep 1950, 15 (92)  
p3640-7, Journal Code: 18540440R  
Publishing Model Print  
Document type: Journal Article  
Languages: UNSPECIFIED  
Main Citation Owner: NLM  
Other Citation Owner: CLML  
Record type: MEDLINE; Completed

BRASILEIRO DE ALMEIDA M

9/3, K/13 (Item 1 from file: 172)  
DIALOG File 172: EMBASE Alert  
(c) 2010 Elsevier B.V. All rights reserved.

0000687186 EMBASE No: 2009390056  
Enhanced CT view of contrast extravasation in a patient with an actively bleeding aneurysm  
Brasileiro De Aguiar G; Acioly M A; Zirretta J. C.; Telles C.; Pinto J. R.; Cunha A. M  
Department of Surgical Specialties, Pedro Ernesto University Hospital, State University of Rio de Janeiro, Boulevard Vinte e Quatro de Setembro, 77 Vila Isabel, Rio de Janeiro, RJ 20551-900, Brazil  
AUTHOR EMAIL: marcusacioly@yahoo.com.br  
CORRESP. AUTHOR AFFIL: Brasileiro De Aguiar G; Department of Surgical Specialties, Pedro Ernesto University Hospital, State University of Rio de Janeiro, Boulevard Vinte e Quatro de Setembro, 77 Vila Isabel, Rio



de Janeiro, RJ 20551-900, Brazil

European Neurology (Eur. Neurol.) (Switzerland) July 1, 2009, 62/2  
(126)  
PUBLISHER: S. Karger AG  
CODEN: EUNEA ISSN: 0014-3022  
DOI: 10.1159/00022787  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Citation  
LANGUAGE: English  
NUMBER OF REFERENCES: 1

Brasileiro De Aguiar G.; Acioly M.A.; Zirretta J.C.; Telles C.;  
Pinto J.R.; Cunha...  
CORRESP. AUTHOR/AFFIL: Brasileiro De Aguiar G.; Department of  
Surgical Specialties, Pedro Ernesto University Hospital, State University  
of Rio...

9/3, K/14 (Item 1 from file: 399)  
DIALOG(R) File 399: CA SEARCH(R)  
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150240961 CA: 150(12)240961y PATENT  
Biomass particle injection system for fuel ovens using carbon dust,  
coffee waste, rice husks or other agricultural waste  
INVENTOR/AUTHOR: Brasileiro dos Santos, Geraldo Chester  
LOCATION: Brazil  
ASSIGNEE: Biodragao - Industria de Queimadores de Biomassa Ltda.  
PATENT: Brazil Pedido: BR 200603620 A DATE: 20080212  
APPLICATION: BR 20063620 (20060630)  
PAGES: 12pp. CODEN: BPXXDX LANGUAGE: Portuguese  
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source	Office:
F23D-0011/00	C I F B	20060101	20080212	H	BR		
F23D-0011/00	A I F B	20060101	20080212	H	BR		

9/3, K/15 (Item 2 from file: 399)  
DIALOG(R) File 399: CA SEARCH(R)  
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119130952 CA: 119(13)130952y JOURNAL  
New pyrazolylhydrazones derivatives as inhibitors of platelet aggregation  
AUTHOR(S): Brasileiro da Silveira, Ivna Alana Freitas; Paulo, Luiz  
Goncalves; Palhares de Miranda, Ana Luisa; Rocha, Simone Oliveira; Freitas,  
Antonio Carlos Carreira; Barreiro, Eliezer Jesus  
LOCATION: Inst. Cienc. Biomed., Univ. Fed. Rio de Janeiro, Rio de Janeiro  
, Brazil  
JOURNAL: J. Pharm Pharmacol. DATE: 1993 VOLUME: 45 NUMBER: 7 PAGES:  
646-9 CODEN: JPPMAB ISSN: 0022-3573 LANGUAGE: English

9/3, K/16 (Item 1 from file: 185)  
DIALOG(R) File 185: Zoological Record Online(R)  
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05984861 BIOSIS No. 14408046047  
The size of the egg does not predict the physical development of ostriches  
(Struthio camelus) at fifteen days old.  
ORIGINAL TITLE: O tamanho do ovo nao prediz o desenvolvimento fisico de  
avestruzes (Struthio camelus) aos quinze dias de idade.  
AUTHORS: Brasileiro de Alvarenga, Adriano Braga; Boere, Vanner (a)  
AUTHORS ADDRESS: (a) Univ Brasilia, Inst Biol, BR-70910900 Brasilia, DF;  
Page 9

Brazil\_vanner@nb.br

SOURCE: Ciencia Rural 38(3), mai-jun 2008: 802-806. [Print]

DOCUMENT TYPE: Article

ISSN: 0103-8478

LANGUAGES: Portuguese SUMMARY LANGUAGES: English; Portuguese

RECORD TYPE: Abstract

AUTHORS: Brasileiro de Alvarenga, Adriano Braga; Boere, Vanner...

? E AU=BASTOS, RENATA

Ref	Items	Index-term
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E2	1	AU=BASTOS, RENATA CHAGAS
E3	2	AU=BASTOS, RENATO
E4	2	AU=BASTOS, RENATO S
E5	1	AU=BASTOS, RENATO S.
E6	4	AU=BASTOS, RENATO SALDANHA
E7	9	AU=BASTOS, RG
E8	25	AU=BASTOS, RI CARDO
E9	2	AU=BASTOS, RI CARDO M
E10	6	AU=BASTOS, RI CARDO MELO
E11	3	AU=BASTOS, RI CARDO NUNES
E12	1	AU=BASTOS, RI CARDO R

Enter P or PAGE for more

? S E1-E6

0	AU=BASTOS, RENATA
1	AU=BASTOS, RENATA CHAGAS
2	AU=BASTOS, RENATO
2	AU=BASTOS, RENATO S
1	AU=BASTOS, RENATO S.
4	AU=BASTOS, RENATO SALDANHA

S10

? S S10 AND POLYSACCHARIDE

10 S10

399573 POLYSACCHARIDE

S11

1 S10 AND POLYSACCHARIDE

? T S11/3, K/1

&gt;&gt;&gt;KW/C option is not available in file(s): 399

11/3, K/1 (Item 1 from file: 399)

DI ALOC R) File 399: CA SEARCH(R)

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142428760 CA: 142(23)428760w PATENT

Polysaccharide-protein conjugate vaccines preparation

INVENTOR(AUTHOR): Jessouroun, Ellen; Da Silveira, Ivna Alana Freitas

Brasileiro; Bastos, Renata Chagas; Frasch, Carl E.; Lee, Che-Hung Robert

LOCATION: USA

ASSIGNEE: The Government of the United States of America, as Represented by the Secretary Department of Health and Human Services

PATENT: PCT International ; WO 200537320 A2 DATE: 20050428

APPLICATI ON: WO 2004US26431 (20040806) \*US 2003PV493389 (20030806)

PAGES: 41 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFI CATIONS:

CLASS: A61K 047/48A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; ME; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW GH; GM KE; LS; MW MS; NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;

BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
 PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;  
 NE; SN; TD; TG  
 ? E AU=FRASCH, CARL

Ref	Items	Index-term
E1	1	AU=FRASCH, C. A.
E2	66	AU=FRASCH, C. E.
E3	6	*AU=FRASCH, CARL
E4	25	AU=FRASCH, CARL E
E5	85	AU=FRASCH, CARL E
E6	2	AU=FRASCH, CARL EDWARD
E7	1	AU=FRASCH, CC
E8	152	AU=FRASCH, CE
E9	7	AU=FRASCH, CE*
E10	1	AU=FRASCH, CHERYL CRAWFORD
E11	1	AU=FRASCH, CLIFFORD ALLAN
E12	1	AU=FRASCH, D. L.

Enter P or PAGE for more

? S E1-E6

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66	AU=FRASCH, C. E.
6	AU=FRASCH, CARL
25	AU=FRASCH, CARL E
85	AU=FRASCH, CARL E
2	AU=FRASCH, CARL EDWARD

S12 185 E1-E6

? S S12 AND POLYSACCHARIDE

185	S12
399573	POLYSACCHARIDE

S13 92 S12 AND POLYSACCHARIDE

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S14 60 RD (unique items)

? T S14/3, K/1-10

>>>KWC option is not available in file(s): 399

14/3, K/1 (Item 1 from file: 24)  
 DI ALCOG R| File 24: CSA Life Sciences Abstracts  
 (c) 2010 CSA. All rts. reserv.

0004078453 I P ACCESSION NO: 12492717  
 Evaluation of Pneumococcal Polysaccharide Immunoassays Using a 22F  
 Adsorption Step with Serum Samples from Infants Vaccinated with Conjugate  
 Vaccines ,

Poolman, Jan T; Fransch, Carl E; Kaeyhty, Helena; Lestrade, Pascal;  
 Madhi, Shabir A; Henckaerts, Isabelle  
 GlaxoSmithKline Biologicals, Rixensart, Belgium  
 [mailto:jan.poolman@skbio.com]

Clinical and Vaccine Immunology, v 17, n 1, p 134-142, January , 2010  
 PUBLICATION DATE: 2010

PUBLISHER: American Society for Microbiology, 1752 N Street N.W  
 Washington, DC 20036 USA

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1556-679X

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Evaluation of Pneumococcal Polysaccharide Immunoassays Using a 22F Adsorption Step with Serum Samples from Infants Vaccinated with Conjugate Vaccines ,

Poolman, Jan T; Frasch, Carl E; Kaegyhty, Helena; Lestrade, Pascal ;  
Madhi, Shabir A; Henckaerts, Isabelle

## ABSTRACT:

The history of the pneumococcal polysaccharide enzyme-linked immunosorbent assay (ELISA) is characterized by a continuous search for increased specificity. A third-generation ELISA that uses 22F polysaccharide inhibition has increased the specificity of the assay, particularly at low antibody concentrations. The present...

14/3, K/2 (Item 2 from file: 24)

DIALOG(R) File 24: CSA Life Sciences Abstracts

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0003969712 I P ACCESSION NO: 11265262

Preparation of bacterial polysaccharide-protein conjugates:

Analytical and manufacturing challenges

Frasch, Carl E

Frasch Biologicals Consulting, PO Box 986, Martinsburg, WV 25402, USA,

[mailto:cfirasch1@uno.com]

Vaccine, v 27, n 46, p 6468-6470, October 30, 2009

PUBLICATION DATE: 2009

PUBLISHER: Elsevier Science, The Boulevard Kidlington Oxford OX5 1GB UK

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0264-410X

FILE SEGMENT: Industrial &amp; Applied Microbiology Abstracts (Microbiology A);

Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Preparation of bacterial polysaccharide-protein conjugates:

Analytical and manufacturing challenges

Frasch, Carl E

## ABSTRACT:

A conjugate can be a polysaccharide (PS) covalently attached to a protein, which provides T cell epitopes for a normally T...

14/3, K/3 (Item 3 from file: 24)

DIALOG(R) File 24: CSA Life Sciences Abstracts

(c) 2010 CSA. All rights reserved.

0003629279 I P ACCESSION NO: 8934792

Recent developments in *Neisseria meningitidis* group A conjugate vaccines

Frasch, Carl E

Expert Opinion in Biological Therapy, v 5, n 2, p 273-280, February 2005

PUBLICATION DATE: 2005

PUBLISHER: Ashley Publications Ltd., Unitec House, 3rd Floor 2 Albert Place, Finchley Central London, N3 1QB UK, [URL: <http://ernesto.ashley-pub.com/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1471-2598

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Frasch, Carl E

#### ABSTRACT:

... vaccine for use in developing countries as an alternative to the presently licensed group AC polysaccharide vaccine. Immunogenicity studies on the group A polysaccharide show the polysaccharide itself to be uniquely immunogenic in young children compared with other polysaccharides, making comparative studies...

14/3, K/4 (Item 4 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0003587245 IP ACCESSION NO: 8767953

Comparison of *Neisseria meningitidis* serogroup W35 polysaccharide-tetanus toxoid conjugate vaccines made by periodate activation of O-acetylated, non-O-acetylated and chemically de-O-acetylated polysaccharide

Gudlavalleti, Seshu K; Lee, Che-Hung; Norris, Scott E; Paul-Satyaseela, Maneesh; Vann, Willie F; Frasch, Carl E  
Laboratory of Bacterial Polysaccharides, Center for Biological Evaluation and Research (CBER), Food and Drug Administration, Bethesda, MD, USA, [mailto: [gudlavalletis@yahoo.com](mailto:gudlavalletis@yahoo.com)]

Vaccine, v 25, n 46, p 7972-7980, November 2007

PUBLICATION DATE: 2007

PUBLISHER: Elsevier Science, The Boulevard Langford Lane Kidlington Oxford OX5 1GB UK, [mailto: [usinfo-f@elsevier.com](mailto:usinfo-f@elsevier.com)], [URL: <http://www.elsevier.nl>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0264-410X

ELECTRONIC ISSN: 1873-2518

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Comparison of *Neisseria meningitidis* serogroup W35 polysaccharide-tetanus toxoid conjugate vaccines made by periodate activation of O-acetylated, non-O-acetylated and chemically de-O-acetylated polysaccharide

10566898.txt

Gudlavalleti, Seshu K; Lee, Che-Hung; Norris, Scott E; Paul-Satyaseela, Maneesh; Vann, Willie F; Frasch, Carl E

ABSTRACT:

Polysaccharide (PS) and tetanus toxoid (TT) protein conjugate vaccines were prepared using O-acetylated (OAc super...

14/3, K/5 (Item 5 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0003025962 I P ACCESSION NO: 6718572  
Use of Opsonophagocytosis for Serological Evaluation of Pneumococcal Vaccines

Romero-Steiner, Sandra; Frasch, Carl E; Carlone, George; Fleck, Roland A; Goldblatt, David; Nahm Mon H  
Centers for Disease Control and Prevention, Atlanta, Georgia 30333. Food and Drug Administration, Bethesda, Maryland 20892. National Institute for Biological Standards and Control, South Mms, England. Institute of Child Health, University College London, London, England. and University of Alabama at Birmingham Birmingham Alabama 35249

Clinical and Vaccine Immunology, v 13, n 2, p 165-169, February 2006  
PUBLICATION DATE: 2006

PUBLISHER: American Society for Microbiology, 1752 N Street N.W  
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article; Review  
RECORD TYPE: Abstract  
LANGUAGE: English  
ISSN: 1556-6811  
ELECTRONIC ISSN: 1556-679X  
FILE SEGMENT: Immunology Abstracts

Romero-Steiner, Sandra; Frasch, Carl E; Carlone, George; Fleck, Roland A; Goldblatt, David; Nahm Mon H

ABSTRACT:

... States among children have been dramatically reduced. The conjugate vaccine elicits antibodies to pneumococcal capsular polysaccharide, and these antibodies protect the host by opsonizing pneumococci and thus facilitating phagocytosis. The ability...

14/3, K/6 (Item 6 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0002656230 I P ACCESSION NO: 6077170  
Characterization of Antibodies to Capsular Polysaccharide Antigens of Haemophilus influenzae Type b and Streptococcus pneumoniae in Human Immune Globulin Intravenous Preparations

Mkolajczyk, Malgorzata G; Concepcion, Nelydia F; Wang, Theresa; Frazier, Douglas; Golding, Basil; Frasch, Carl E; Scott, Dorothy E  
U.S. Food and Drug Administration, Center for Biologics Evaluation and Research, Office of Blood Research and Review, Division of Hematology, Laboratory of Plasma Derivatives. Office of Vaccines Research and Review,

10566898.txt

Division of Bacterial, Parasitic & Allergenic Products, Laboratory of  
Bacterial Polysaccharides, Bethesda, Maryland

Clinical and Diagnostic Laboratory Immunology, v 11, n 6, p 1158-1164,  
November 2004

PUBLICATION DATE: 2004

PUBLISHER: American Society for Microbiology, 1752 N Street N.W  
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1071-412X

FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)

Characterization of Antibodies to Capsular Polysaccharide Antigens of  
*Haemophilus influenzae* Type b and *Streptococcus pneumoniae* in Human Immune  
Globulin Intravenous Preparations

Mkolajczyk, Malgorzata G; Concepcion, Nelydia F; Wang, Theresa;  
Frazier, Douglas; Golding, Basil; Frasch, Carl E; Scott, Dorothy E

14/3, K/7 (Item 1 from file: 50)

DIALCO(R) File 50: CAB Abstracts

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0008089237 CAB Accession Number: 20013114475

Induction of group 17 specific antibodies by pneumococcal type 17F and  
17A polysaccharide vaccines.

Frasch, C. E.; Concepcion, N. F.  
Laboratory of Bacterial Polysaccharides, Center for Biologicals Evaluation  
and Research, Bethesda, Maryland, USA.

Biologicals vol. 29 (1): p.11-16

Publication Year: 2001

ISSN: 1045-1056

Digital Object Identifier: 10.1006/biol.2001.0272

Publisher: Academic Press London, UK

Language: English

Record Type: Abstract

Document Type: Journal article

Induction of group 17 specific antibodies by pneumococcal type 17F and  
17A polysaccharide vaccines.

Frasch, C. E.; Concepcion, N. F.

14/3, K/8 (Item 2 from file: 50)

DIALCO(R) File 50: CAB Abstracts

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0007238269 CAB Accession Number: 19961201578

Immunochemical properties of a polysaccharide antigen of  
*Trichosporon beigeli* that cross-reacts with the capsular  
glucuronoxylomannan of *Cryptococcus neoformans*.

Devi, S. J. N.; Reddy, P. G.; Lyman, C. A.; Walsh, T. J.; Frasch, C. E.;  
Bush, A. C.

Division of Bacterial Products, Office of Vaccine Research and Review,  
Center for Biologicals Evaluation and Research, US Food and Drug  
Administration, Rockville, MD 20852, USA.

Immunology and Infectious Diseases vol. 6 (2): p. 87-92

Page 15

Publication Year: 1996

ISSN: 0959-4957

Language: English

Record Type: Abstract

Document Type: Journal article

Immunochemical properties of a polysaccharide antigen of *Trichosporon beigeli* that cross-reacts with the capsular glucuronoxylomannan of *Cryptococcus neoformans*.

The isolation and purification of the cross-reactive polysaccharide antigen from *T. beigeli*, str. TCM are described. Immunochemical characterization of this carbohydrate antigen revealed...

... the capsular glucuronoxylomannan (GXM) of *C. neoformans*. It was a cell-associated, high MW acidic polysaccharide which was released into the culture medium during growth in vitro. *T. beigeli* released 96-fold less polysaccharide into the culture supernatant than a clinical isolate of *C. neoformans*. Qualitative chemical analysis as determined by high-performance anion-exchange chromatography revealed that the polysaccharide was composed of mannose, xylose, glucose and glucuronic acid. Nuclear magnetic resonance spectroscopy of native...

... of O-acetyl and glucuronyl epitopes was confirmed serologically using epitope-specific antibodies. *T. beigeli* polysaccharide produced a precipitation line of partial identity with cryptococcal anti-GXM serum by immunodiffusion. It...

Devi, S. J. N.; Reddy, P. G.; Lyman, C. A.; Walsh, T. J.; Frasch, C. E.; Bush, A. C.

14/3, K/9 (Item 3 from file: 50)

DIALOG(R) File 50: CAB Abstracts

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0007024966 CAB Accession Number: 19951201349

Detection and quantitation of the glucuronoxylomannan-like polysaccharide antigen from clinical and nonclinical isolates of *Trichosporon beigeli* and implications for pathogenicity.

Lyman, C. A.; Devi, S. J. N.; Nathanson, J.; Frasch, C. E.; Pizzo, P. A.; Walsh, T. J.

Infectious Diseases Section, Pediatric Branch, National Cancer Institute, Bethesda, MD 20892, USA.

Journal of Clinical Microbiology vol. 33 (1): p.126-130

Publication Year: 1995

ISSN: 0095-1137

Language: English

Record Type: Abstract

Document Type: Journal article

Detection and quantitation of the glucuronoxylomannan-like polysaccharide antigen from clinical and nonclinical isolates of *Trichosporon beigeli* and implications for pathogenicity.

... USA were studied. By counterimmunoelectrophoresis, 10 of 10 isolates from deep infections were positive for polysaccharide, compared with 7 of 13 isolates from superficial infections ( $P=0.02$ ). All 23 strs. tested were positive for polysaccharide when screened by immunodot. By enzyme immunoassay, the cross-reactive antigen produced by deep isolates...

... superficial isolates, with a mean titre of 1:600. The mean concn of  
Page 16



10566898.txt

cross-reactive polysaccharide released by deep isolates and superficial isolates were 3.09+/-0.44 and 1.74...

... respectively, when measured by rocket immunoelectrophoresis (P=0.02). O-Acetyl epitopes were detected on polysaccharide from 8 of 9 T. beigellii strains isolated from deep sources, while only 2 of...

Lyman, C. A.; Devi, S. J. N.; Nathanson, J.; Frasc, C. E.; Pizzo, P. A.; Valsh, T. J.

14/3, K/10 (Item 4 from file: 50)  
DI ALCG R) File 50: CAB Abstracts  
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0006506633 CAB Accession Number: 19922090105

Multicenter comparison of levels of antibody to the *Neisseria meningitidis* group A capsular polysaccharide measured by using an enzyme-linked immunosorbent assay.

Carlone, G. M.; Frasc, C. E.; Siber, G. R. (et al.)  
Meningitis & Special Pathogens Branch, Nat. Cent. Infect. Dis. CDC, Atlanta, GA 30333, USA

Journal of Clinical Microbiology vol. 30 (1): p.154-159

Publication Year: 1992

ISSN: 0095-1137

Language: English

Record Type: Abstract

Document Type: Journal article

Multicenter comparison of levels of antibody to the *Neisseria meningitidis* group A capsular polysaccharide measured by using an enzyme-linked immunosorbent assay.

An ELISA was developed to measure antibody and *Neisseria meningitidis* group A polysaccharide. This test was then used in several laboratories to assess antibody levels pre- and post...

Carlone, G. M.; Frasc, C. E.; Siber, G. R.  
? E AU=LEE, CHE-HUNG

Ref	Items	Index-term
E1	15	AU=LEE, CHE-HSIN
E2	6	AU=LEE, CHE-HUI
E3	56	*AU=LEE, CHE-HUNG
E4	1	AU=LEE, CHE-HUNG R.
E5	6	AU=LEE, CHE-HUNG ROBERT
E6	1	AU=LEE, CHE-MAN
E7	7	AU=LEE, CHE-MING
E8	5	AU=LEE, CHE-NAN
E9	1	AU=LEE, CHE-PING
E10	1	AU=LEE, CHE-PING
E11	4	AU=LEE, CHE-RUNG
E12	2	AU=LEE, CHE-SUM

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? S E1-E12

15	AU=LEE, CHE-HSIN
6	AU=LEE, CHE-HUI
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1	AU=LEE, CHE-HUNG R.
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1	AU=LEE, CHE-MAN
7	AU=LEE, CHE-MING

5 AU-LEE, CHE- NAN  
 1 AU-LEE, CHE- PING  
 1 AU-LEE, CHE- PING  
 4 AU-LEE, CHE- RUNG  
 2 AU-LEE, CHE- SUM  
 S15 105 E1-E12  
 ? S S15 AND POLYSACCHARIDE  
 105 S15  
 399573 POLYSACCHARIDE  
 S16 13 S15 AND POLYSACCHARIDE  
 ? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S17 8 RD (unique items)

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>>>KWC option is not available in file(s): 399

17/3, K/1 (Item 1 from file: 24)  
 DI ALCO (R) File 24: CSA Life Sciences Abstracts  
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0003587245 I.P. ACCESSION NO: 8767953  
 Comparison of *Neisseria meningitidis* serogroup W35 polysaccharide-  
 tetanus toxoid conjugate vaccines made by periodate activation of O-  
 acetylated, non-O-acetylated and chemically de-O-acetylated  
 polysaccharide

Gudavalleti, Seshu K; Lee, Che-Hung; Norris, Scott E;  
 Paul-Satyaseelam, Maneesh; Vann, Willie F; Frasch, Carl E  
 Laboratory of Bacterial Polysaccharides, Center for Biologics Evaluation  
 and Research (CBER), Food and Drug Administration, Bethesda, MD, USA,  
 [mailto:gudavalleti@yahoo.com]

Vaccine, v 25, n 46, p 7972-7980, November 2007  
 PUBLICATION DATE: 2007

PUBLISHER: Elsevier Science, The Boulevard Langford Lane Kidlington Oxford  
 OX5 1GB UK, [mailto:usinfo-f@elsevier.com], [URL: http://www.elsevier.nl]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0264-410X

ELECTRONIC ISSN: 1873-2518

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Comparison of *Neisseria meningitidis* serogroup W35 polysaccharide-  
 tetanus toxoid conjugate vaccines made by periodate activation of O-  
 acetylated, non-O-acetylated and chemically de-O-acetylated  
 polysaccharide

Gudavalleti, Seshu K; Lee, Che-Hung; Norris, Scott E;  
 Paul-Satyaseelam, Maneesh; Vann, Willie F; Frasch, Carl E

#### ABSTRACT:

Polysaccharide (PS) and tetanus toxoid (TT) protein conjugate  
 vaccines were prepared using O-acetylated (OAc super...

17/3, K/2 (Item 1 from file: 399)  
 DI ALCO (R) File 399: CA SEARCH (R)  
 (c) 2010 American Chemical Society. All rts. reserv.

150421151 CA: 150(20)421151e PATENT  
 Methods for preparing complex multivalent immunogenic conjugates  
 INVENTOR(AUTHOR): Lee, Che-Hung Robert  
 LOC(ATION): USA  
 ASSIGNEE: The Government of the United States of America as Represented  
 by the Secretary of the Department of  
 PATENT: U.S. Pat. Appl. Publ.; US 20090092632 A1 DATE: 20090409  
 APPLICATION: US 2008283894 (20080915) \*US 2006PV783490 (20060317) \*WO  
 2007US6627 (20070316)  
 PAGES: 62pp., Cont.-in-part of Appl. No. PCT/US2007/006627. CODEN:  
 USXXOO LANGUAGE: English  
 PATENT CLASSIFICATION:  
 CLASS: 424194100  
 IPCR/8 + Level Value Position Status Version Action Source Office:  
 A61K 0039/385 A I F B 20060101 20090409 H US  
 C07K 0017/06 A I L B 20060101 20090409 H US  
 A61P 0031/04 A I L B 20060101 20090409 H US

17/3, K/3 (Item 2 from file: 399)  
 DI ALCO (R) File 399: CA SEARCH (R)  
 (c) 2010 American Chemical Society. All rts. reserv.

142428760 CA: 142(23)428760w PATENT  
 Polysaccharide-protein conjugate vaccine preparation  
 INVENTOR(AUTHOR): Jessouroun, Ellen; Da Silveira, Ivna Alana Freitas  
 Brasileiro, Bastos, Renata Chagas; Frasch, Carl E.; Lee, Che-Hung Robert  
 LOC(ATION): USA  
 ASSIGNEE: The Government of the United States of America, as Represented  
 by the Secretary Department of Health and Human Services  
 PATENT: PCT International; WO 200537320 A2 DATE: 20050428  
 APPLICATION: WO 2004US26431 (20040806) \*US 2003PV493389 (20030806)  
 PAGES: 41 pp. CODEN: PIXXD2 LANGUAGE: English  
 PATENT CLASSIFICATION:  
 CLASS: A61K-047/48A  
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
 GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
 LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
 UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;  
 NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM AT;  
 BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
 PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;  
 NE; SN; TD; TG

17/3, K/4 (Item 3 from file: 399)  
 DI ALCO (R) File 399: CA SEARCH (R)  
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142217375 CA: 142(12)217375m PATENT  
 Preparation of polysaccharide-protein conjugate for use as vaccines  
 INVENTOR(AUTHOR): Lee, Che-Hung Robert; Frasch, Carl E.  
 LOC(ATION): USA  
 ASSIGNEE: The Government of the United States of America, as Represented  
 by the Secretary Department of Health and Human Services  
 Page 19

10566898.txt

PATENT: PCT International : WO 200514037 A2 DATE: 20050217  
APPLI CATION: WO 2004US25477 (20040806) \*US 2003PV493389 (20030806)  
PAGES: 61 pp. CODEN: PI XXD2 LANGUAGE: English

PATENT CLASSIFI CATIONS:

CLASS: A61K 039/02A; A61K 039/385B; A61K 039/39B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MY; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;  
NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;  
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;  
NE; SN; TD; TG

17/3, K/5 (Item 4 from file: 399)

DI ALCOG (R) File 399: CA SEARCH (R)

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137092362 CA: 137(7)92362t JOURNAL

Effect of O acetylation of Neisseria meningitidis serogroup A capsular polysaccharide on development of functional immune responses

AUTHOR(S): Berry, David S.; Lynn, Frejja; Lee, Che-Hung; Frasch, Carl E.; Bash, Margaret C.

LOCATION: Division of Bacterial, Parasitic and Allergenic Products, Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Bethesda, MD, 20892, USA

JOURNAL: Infect. Immun. (Infection and Immunity) DATE: 2002 VOLUME: 70

NUMBER: 7 PAGES: 3707-3713 CODEN: INFI BR ISSN: 0019-9567 LANGUAGE: English PUBLISHER: American Society for Microbiology

17/3, K/6 (Item 5 from file: 399)

DI ALCOG (R) File 399: CA SEARCH (R)

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136098746 CA: 136(7)98746x JOURNAL

Quantification of bacterial polysaccharides by the purpald assay: Measurement of periodate-generated formaldehyde from glycol in the repeating unit

AUTHOR(S): Lee, Che-Hung; Frasch, Carl E.

LOCATION: Laboratory of Bacterial Polysaccharides, Division of Bacterial, Parasitic and Allergenic Products, OVRB, OBER, FDA, Bethesda, MD, 20892, USA

JOURNAL: Anal. Biochem DATE: 2001 VOLUME: 296 NUMBER: 1 PAGES: 73-82

CODEN: ANBCA2 ISSN: 0003-2697 LANGUAGE: English PUBLISHER: Academic Press

17/3, K/7 (Item 6 from file: 399)

DI ALCOG (R) File 399: CA SEARCH (R)

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130263231 CA: 130(20)263231m JOURNAL

Quantification of bacterial lipopolysaccharides by the purpald assay: measuring formaldehyde generated from 2-keto-3-deoxyoctonate and heptose at the inner core by periodate oxidation

AUTHOR(S): Lee, Che-Hung; Tsai, Chao-Ming

LOCATION: Division of Bacterial Products, OVRB, OBER, FDA, Laboratory of Bacterial Polysaccharides, Bethesda, MD, 20892, USA

JOURNAL: Anal. Biochem DATE: 1999 VOLUME: 267 NUMBER: 1 PAGES:

10566898.txt  
161-168 CODEN: ANBCA2 ISSN: 0003-2697 LANGUAGE: English PUBLISHER:  
Academic Press

17/3,K/8 (item 7 from file: 399)  
DI ALCO (R) File 399: CA SEARCH (R)  
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122053610 CA: 122(5) 53610t JOURNAL  
Anti-lipid A monoclonal antibodies and anti-LPS antiserum effects on  
Limulus activity of LPS  
AUTHOR(S): Goto, Masakatsu; Yoshioaka, Toyokazu; Lichtenberg, Robert; Lee,  
Che-Hung; Zeller, W Patrick  
LOCATION: Stritch School Medicine, Loyola Univ. Chicago, Maywood, IL,  
60153, USA  
JOURNAL: Res. Commun. Mol. Pathol. Pharmacol. DATE: 1994 VOLUME: 86  
NUMBER: 3 PAGES: 341-6 CODEN: RCMPE6 ISSN: 1078-0297 LANGUAGE:

English  
? S ((HYDRAZINE) OR (HYDRAZ?)) AND ((CHLOR?) AND (?SACCHARID?) AND (ALDEHYDE))

Processing  
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Processed 10 of 55 files ...

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Processing  
Processed 20 of 55 files ...

Processing  
>>>File 399 processing for CHLOR? stopped at CHLOROETHYLAMINO BENZAMIDES

Processing  
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Processed 30 of 55 files ...  
Processing  
Processing  
Processed 40 of 55 files ...

Processing  
Processing  
Processing  
Processed 50 of 55 files ...  
Completed processing all files

264804 HYDRAZINE  
685777 HYDRAZ?  
10229483 CHLOR?  
35 ?SACCHARID?

1199577 ALDEHYDE  
S18 0 ((HYDRAZINE) OR (HYDRAZ?)) AND ((CHLOR?) AND  
(?SACCHARID?) AND (ALDEHYDE))

?  
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES  
? s hydrazine and polysaccharide and chloride and aldehyde

264804 HYDRAZINE  
399573 POLYSACCHARIDE  
3676536 CHLORIDE  
1199577 ALDEHYDE

S19 7 HYDRAZINE AND POLYSACCHARIDE AND CHLORIDE AND ALDEHYDE  
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

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>>>Records from unsupported files will be retained in the RD set.

S20 7 RD (unique items)

? t s20/3, k/1-20

>>>KWC option is not available in file(s): 399

20/3, K/1 (Item 1 from file: 393)

DIALCOG(R) File 393: Beilstein Database - Abstracts

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Beilstein Abstract Id: 6553903

Title: Anti-Inflammatory Effects of Inhibiting the Amine Oxidase Activity of Semicarbazide-Sensitive Amine Oxidase

Document Type: Journal Record Type: Abstract

Author: Salter, G. d., Luisa M.; Wang, Eric; O'Rourke, Anne M.; Miller, Andrew; Gao, Hongfeng; Huang, Li; Garcia, Arnie; Linnik, Matthew D.

Citation: J. Pharmacol. Exp. Ther. (2005) Series: 315-2, 553 - 562

CODEN: JPETAB Language: English

Abstract Language: English

... Abstract: SSAO catalyzes the oxidative deamination of primary amines, resulting in the formation of the corresponding aldehyde and release of hydrogen peroxide and ammonia. Membrane-bound SSAO is an inflammation-inducible endothelial...

... functions seem to be involved in the adhesion cascade. LJP 1207 N-(2-phenyl-allyl)-hydrazine hydrochloride is a potent (human SSAO IC<sub>50</sub> = 17 nM, selective, and orally available SSAO inhibitor...

... LJP 1207 also reduced serum levels of tumor necrosis factor- $\alpha$  and interleukin 6 in lipopolysaccharide (LPS)-challenged mice and prolonged survival post-LPS-induced endotoxemia. Therapeutic and prophylactic administration of...

20/3, K/2 (Item 1 from file: 357)

DIALCOG(R) File 357: Derwent Biotech Res.

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0446856 DBR Accession No.: 2008-05365 PATENT

Making a complex multivalent immunogenic conjugate for use in preparing a vaccine composition against e.g., viral infections by simultaneously reacting immunogenic-distinct polysaccharides with at least one protein-pharmaceutical composition comprising carrier and immunogenic protein, useful as vaccine for prevention of cancer, virus and bacterium infection

AUTHOR: LEE C R

PATENT ASSIGNEE: US DEPT HEALTH and HUMAN SERVICES 2007

PATENT NUMBER: WO 2007109129 PATENT DATE: 20070927 WIPO ACCESSION NO.:

2008-E83202 (200833)

PRIORITY APPLIC. NO.: US 783490 APPLIC. DATE: 20060317

NATIONAL APPLIC. NO.: WO 2007US6627 APPLIC. DATE: 20070316

LANGUAGE: English

... ABSTRACT: comprises: (1) reacting immunogenic-distinct polysaccharides with an oxidizing agent resulting in a mixture of aldehyde-activated immunogenic-distinct polysaccharides; (2) reacting at least one protein with hydrazine, carbonylhydrazide, hydrazine chloride or dihydrazide; and (3) reducing substantially all of the C=N double bonds of the...

... comprises: (1) reacting immunogenic-distinct polysaccharides with an oxidizing agent resulting in a mixture of aldehyde-activated immunogenic-distinct polysaccharides; (2) reacting at least one protein

with hydrazine, carbohydrazide, hydrazine chloride or dihydrazide under conditions sufficient to produce a solution of at least one hydrazide-activated protein; (3) contacting the mixture of the aldehyde-activated immunogenic-distinct polysaccharides with the at least one hydrazide-activated protein at a pH of about 5 to 8 such that the aldehyde-activated immunogenic-distinct polysaccharides simultaneously react with the at least one hydrazide-activated protein resulting...

... that includes at least one C=N double bond formed between each attached immunogenic-distinct polysaccharide and the protein; and (4) reducing substantially all of the C=N double bonds of...

... comprises: (1) reacting immunogenic-distinct polysaccharides with an oxidizing agent resulting in a mixture of aldehyde-activated immunogenic-distinct polysaccharides; (2) reacting at least one protein with hydrazine, carbohydrazide, hydrazine chloride or dihydrazide under conditions sufficient to produce a solution of at least one hydrazide-activated protein; (3) contacting the mixture of the aldehyde-activated immunogenic-distinct polysaccharides with the at least one hydrazide-activated protein at a pH of about 5 to 8 such that the aldehyde-activated immunogenic-distinct polysaccharides simultaneously react with the at least one hydrazide-activated protein resulting...

... that includes at least one C=N double bond formed between each attached immunogenic-distinct polysaccharide and the protein; and (4) reducing substantially all of the C=N double bonds of...

... The hydrazide-activated protein is substantially soluble at neutral pH. The simultaneous reaction of the aldehyde-activated immunogenic-distinct polysaccharides with the at least one hydrazide-activated protein is effected in a composition that includes the mixture of the aldehyde-activated immunogenic-distinct polysaccharides and the at least one hydrazide-activated protein. The contacting of the mixture of the aldehyde-activated immunogenic-distinct polysaccharides with the at least one hydrazide-activated protein and the reduction...

... providing, in the presence of sodium borohydride, a composition formed from the mixture of the aldehyde-activated immunogenic-distinct polysaccharides and the at least one hydrazide-activated protein. The protein is reacted with hydrazine, carbohydrazide, hydrazine chloride and/or dihydrazide in the presence of (i) a carbodiimide and (ii) at least one...

... lysine, arginine, histidine, glycine, serine, threonine, glutamic acid or cysteine. The protein is reacted with hydrazine, carbohydrazide, succinyl dihydrazide, and/or adipic acid dihydrazide in the presence of a carbodiimide hydrochloride at a pH of about 6 to 7 to obtain a solution of hydrazide-activated...

... to a pH of about 10.0 to 11.0. The protein is reacted with hydrazine, carbohydrazide, succinyl dihydrazide and/or adipic acid dihydrazide in the presence of a carbodiimide hydrochloride at a pH of about 5.5 to 6.5 to obtain a solution of...

... hydrazide-activated protein to a pH of about 10.0 to about 11.0. The aldehyde-activated immunogenic-distinct polysaccharides are simultaneously reacted with the at least one hydrazide-activated protein. The immunogenic-distinct polysaccharides are Meningococcal polysaccharides, Pneumococcal polysaccharides, Hemophilus influenzae type b polysaccharide, Vi polysaccharide of Salmonella

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 typhi or group B Streptococcus polysaccharides. The immunogeni c-distinct polysaccharides are Meningococcal group A, Meningococcal group C, Meningococcal group W35 or Meningococcal group Y. The aldehyde-activated immunogeni c-distinct polysaccharides are single hydrazide-activated protein. The aldehyde-activated immunogeni c-distinct polysaccharides are reacted with different hydrazide-activated proteins. The carbodiimide is 1-(3-(dimethylamino)propyl)-3-ethyl carbodiimide hydrochloride. The carbodiimide is 1-(3-(dimethylamino)propyl)-3-ethyl carbodiimide hydrochloride. A mixture of immunogeni c-distinct polysaccharides is reacted with the oxidizing agent. Each immunogeni c-distinct polysaccharide is initially reacted with an oxidizing agent, and then the resulting individual aldehyde-activated immunogeni c-distinct polysaccharides are mixed together to form the mixture of aldehyde-activated immunogeni c-distinct polysaccharides. The method comprises: (1) reacting immunogeni c-distinct polysaccharides with a cyanylation...

... a mixture of cyanate-activated immunogeni c-distinct polysaccharides; (2) reacting at least one protein with hydrazine, carbohydrazide, hydrazine dichloride, and/or dihydrazide under conditions sufficient to produce a solution of at least one hydrazide...  
 ... conjugate that includes at least one C-N bond formed between each attached immunogeni c-distinct polysaccharide and the protein. The cyanylation agent is 1-cyano-4-dimethylammonium pyridinium tetrafluoroborate, cyanogen bromide...

... to form at least one C-N bond between each second cyanate-activated immunogeni c-distinct polysaccharide and the protein. The reactivity of the second immunogeni c-distinct polysaccharides with the cyanylation agent...

... reactivity of the first immunogeni c-distinct polysaccharides with the cyanylation agent. The first immunogeni c-distinct polysaccharide is Meningococcal group A or Meningococcal group C. The second immunogeni c-distinct polysaccharide is Meningococcal group W35 or Meningococcal group Y. The method comprises: (1) reacting a protein...

... 2,3-propanediol (ADPO) in the presence of 1-(3-(dimethylamino)propyl)-3-ethyl carbodiimide hydrochloride at a pH of about 5.5 to 7 resulting in a solution of an...

... reacting the ADPO-modified protein with an oxidizing agent resulting in a solution of an aldehyde-activated protein; (3) contacting a mixture of hydrazide-activated immunogeni c-distinct polysaccharides with the aldehyde-activated protein at a pH of about 5 to 8 such that the hydrazide-activated immunogeni c-distinct polysaccharides simultaneously react with at least one aldehyde-activated protein resulting in a complex multivalent conjugate that includes at least one C=N double bond formed between each attached immunogeni c-distinct polysaccharide and the protein; and (4) reducing substantially all of the C=N double bonds of...

... 6.5 or 6 to 7. The method comprises: (a) contacting at least one first aldehyde-activated immunogeni c-distinct polysaccharide with at least one hydrazide-activated protein under conditions sufficient for forming first conjugate intermediate such that at least one CN double bond forms between the first immunogeni c-distinct polysaccharide and the protein; (b) contacting at least one second aldehyde-activated immunogeni c-distinct polysaccharide% % with the first conjugate intermediate such that at least one C=N double bond forms between the second immunogeni c-distinct



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polysaccharide and the protein; and (c) reducing substantially all of the C=N double bonds to...  
... bonds resulting in a complex multivalent immunogenic conjugate product; where the reactivity of the first aldehyde-activated immunogenic-distinct polysaccharide with the hydrazide-activated protein is lower than the reactivity of the second aldehyde-activated immunogenic-distinct polysaccharide with the hydrazide-activated protein. Preparing a hydrazide-activated protein comprises reacting a protein with hydrazine, carbohydrazide, hydrazine chloride and/or dihydrazide in the presence of (i) a carbodiimide and (ii) at least one...  
... and at least one peptide. The carbodiimide is 1-(3-(dimethylamino)propyl)-3-ethyl carbodiimide hydrochloride. The amino acid is lysine, arginine, histidine, glycine, serine, threonine, glutamic acid or cysteine. The...

20/3, K/3 (Item 2 from file: 357)  
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0431513 DBR Accession No.: 2007-17820 PATENT  
Controlling the degree of labeling (DOL) of a carrier molecule or solid support by contacting the labeling solution with a reactive label competitor and incubating the controlled labeling solution for an appropriate amount of time - monitoring the degree of labeling of a carrier molecule or solid support using a reactive label and a competitor for the label to control the degree of labeling useful in the field of cell biology, pathology, neurology, immunology, proteomics and biosensing  
AUTHOR: MAURO J M; STEINBERG T H; GREENFIELD L I; LEONG L  
PATENT ASSIGNEE: INVI TROGEN CORP 2007  
PATENT NUMBER: WO 200730521 PATENT DATE: 20070315 WPI ACCESSION NO.: 2007-458046 (200744)  
PRIORITY APPLIC. NO.: US 714922 APPLIC. DATE: 20050906  
NATIONAL APPLIC. NO.: WO 2006US34687 APPLIC. DATE: 20060906  
LANGUAGE: English

... ABSTRACT: amount of time. The carrier molecule comprises a amino acid, a peptide, a protein, a polysaccharide, a nucleotide, a nucleoside, an oligonucleotide, a nucleic acid, a haptan, a psoralen, a drug...  
... a hormone, an IgG binding protein, a fluorescent protein, a growth factor, a lectin, a lipopolysaccharide, a microorganism a metal binding protein, a metal chelating moiety, a non-biological microparticle, a...  
... gels, polymeric membranes, particles, derivatized plastic films, glass beads, cotton, plastic beads, alumina gels, polysaccharides, polyvinyl chloride, polypropylene, polyethylene, nylon, latex bead, magnetic bead, paramagnetic bead, or superparamagnetic bead. The solid support...  
... ester of a carboxylic acid, a carboxylic ester, an acyl azide, an acyl nitrile, an aldehyde, an alkyl halide, an anhydride, an aniline, an amine, an aryl halide, an azide, an aziridine, a boronate, a diazoalkane, a halacetamide, a haloalkyl, a halotriazine, a hydrazine, an imido ester, an isocyanate, an isothiocyanate, a malamide, a phosphoramidite, a reactive platinum complex...  
... ethanolamine, 5-amino caproic acid, or ammonia (NH3). The reactive label competitor is L-lysine hydrochloride. The reactive label competitor comprises epsilon-mercapto acids, beta-mercapto acids,

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mercapto alcohols, alpha-mercapto...

DESCRIPTION: ...acid, protein, oligonucleotide, synthetic polymer, virus, antibody, enzyme, microfluidic chip, silicon chip, alumina gel, polyvinyl chloride, polyethylene, Sepharose, dextran, agarose, L-lysine hydrochloride, mercaptan compound, appl. cell biology, in vivo imaging, pathology, neurology, immunology, proteomics, biosensing fluorescence vitamin...

20/3, K/4 (Item 3 from file: 357)

DIALCOG(R) File 357: Derwent Biotech Res.  
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0411116 DBR Accession No.: 2006-24612 PATENT

Coupling enzymatically activated glycoconjugate to modifying compound comprises activating primary and/or secondary hydroxyl of saccharide moiety of glycoconjugate to aldehyde/ketone, and reacting modifying compound with aldehyde/ketone - involving vector-mediated gene transfer and expression in host cell for use in drug screening

AUTHOR: HEMBERGER J; MERKEL D; MITSCH A; ORLANDO M; DELBOS-KRAMPE J

PATENT ASSIGNEE: FRESenius KABI DEUT GMBH 2006

PATENT NUMBER: WO 2006/94826 PATENT DATE: 20060914 WPI ACCESSION NO.:

2006-669629 (200669)

PRIORITY APPLIC. NO.: US 660902 APPLIC. DATE: 20050311

NATIONAL APPLIC. NO.: WO 2006EP2236 APPLIC. DATE: 20060310

LANGUAGE: English

...modifying compound comprises activating primary and/or secondary hydroxyl of saccharide moiety of glycoconjugate to aldehyde/ketone, and reacting modifying compound with aldehyde/ketone - involving vector-mediated gene transfer and expression in host cell for use in drug...

...ABSTRACT: at least one primary and/or secondary hydroxyl group of at least one oligo- or polysaccharide moiety of a glycoconjugate to an aldehyde or ketone group, and reacting the modifying compound with the aldehyde and/or ketone group. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for: (1) a glycoconjugate coupled...

... form was treated with a 2-fold molar excess of N-tert-butylloxycarbonyl (N-BOC) hydrazine in water-free dimethyl sulfoxide under argon atmosphere for 24 hours at 50degreesC. The reaction...

...an ice-cold mixture of acetone/methanol (4:1) and washed until no N-BOC-hydrazine was detected on thin layer chromatography (TLC). The precipitate was dissolved in water, treated with...

... lyophilizate was dissolved in water/methanol (3:1), cooled on ice and treated with gaseous hydrochloride under moderate stirring. The reaction was monitored with ninhydrin on TLC plates and stopped upon...

20/3, K/5 (Item 4 from file: 357)

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0370030 DBR Accession No.: 2005-15736 PATENT

Preparing a vaccine conjugate comprises reacting an aldehyde

-activated polysaccharide with the hydrazine-activated

protein at a pH of 5-7 in the presence of sodium cyanoborohydride,

where a conjugate is obtained - hydrazine-activated protein and

aldehyde-activated polysaccharide conjugation for vaccine

AUTHOR: JESSOUROUN E; DASILVEIRA I A F; BASTOS R C; FRASCH C E; LEE C

R

PATENT ASSIGNEE: US DEPT HEALTH and HUMAN SERVICES 2005  
 PATENT NUMBER: WO 200537320 PATENT DATE: 20050428 WPI ACCESSION NO.:  
 2005-315625 (200532)  
 PRIORITY APPLIC. NO.: US 493389 APPLIC. DATE: 20030806  
 NATIONAL APPLIC. NO.: WO 2004US26431 APPLIC. DATE: 20040806  
 LANGUAGE: English

Preparing a vaccine conjugate comprises reacting an aldehyde-activated polysaccharide with the hydrazine-activated protein at a pH of 5-7 in the presence of sodium cyanoborohydride, where a conjugate is obtained - hydrazine-activated protein and aldehyde-activated polysaccharide conjugation for vaccine

ABSTRACT: DERWENT ABSTRACT: NOVELTY - Preparing a vaccine conjugate comprising reacting an aldehyde-activated polysaccharide with the hydrazine-activated protein at a pH of 5-7 in the presence of sodium cyanoborohydride, where...

... conjugate is obtained, is new. DETAILED DESCRIPTION - Preparing a vaccine conjugate comprising: (a) reacting a polysaccharide with an oxidizing agent, where a solution of an aldehyde-activated polysaccharide is obtained; (b) reacting a protein with hydrazine dichloride at an acidic pH, where a solution of a hydrazine-activated protein is obtained; (c) reacting the aldehyde-activated polysaccharide with the hydrazine-activated protein at a pH of 5-7 in the presence of sodium cyanoborohydride, where a conjugate is obtained; and (d) neutralizing unreacted aldehyde groups with adipic acid dihydrazide, where a conjugate vaccine capable of stimulating an immune response...

... Method: In preparing a conjugate vaccine, the oxidizing agent comprises  $\text{NaIO}_4$ . The solution of the aldehyde-activated polysaccharide is buffer exchanged with a 2-(4-(2-Hydroxy-ethyl)-piperazin-1-yl)-ethanesulfonic acid (HEPES) buffer, and to pH 7-8. The solution of the hydrazine-activated protein is buffer exchanged with a  $\text{Na}_2\text{CO}_3$  buffer, and to pH 10.0-11.0. A pH of the solution of the hydrazine-activated protein is raised to 7.0-11 before the solution of the hydrazine-activated protein is buffer exchanged to pH 10.0-11.0. The aldehyde-activated polysaccharide is reacted with the hydrazine-activated protein at a ratio of from about 1:1.6 to 1:5. The...

... vaccine; and freeze drying the concentrated purified conjugate vaccine, yielding a dried conjugate vaccine. The polysaccharide is selected from Meningococcal polysaccharides, Pneumococcus polysaccharides, Hemophilus influenzae type b polysaccharide, Vi polysaccharide of Salmonella typhi, and group B Streptococcus polysaccharides. The protein is selected from tetanus toxoid...

DESCRIPTION: Meningococcus sp. polysaccharide, Pneumococcus sp. polysaccharide, Hemophilus influenzae type-b polysaccharide, Salmonella typhi Vi polysaccharide, group-B Streptococcus sp. polysaccharide, tetanus toxoid, diphtheria toxoid hydrazine-activated protein, aldehyde-activated polysaccharide conjugation, pH, sodium cyanoborohydride evaluation, appl. vaccine bacterium (24, 25)

20/3, K/6 (Item 5 from file: 357)  
 DIALOGR File 357: Derwent Biotech Res.  
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0363498 DBR Accession No.: 2005-09202 PATENT  
 New nucleic acid reporter molecule comprising first and second nucleic acid  
 Page 27

10566898.txt

complexing monomer moiety and linker that has aromatic, heteroaromatic, cyclic or heterocyclic moiety, useful for detecting nucleic acid in sample - involving vector-mediated gene transfer and expression in HeLa cell culture

AUTHOR: YUE S.; CHEUNG C

PATENT ASSIGNEE: MOLECULAR PROBES INC 2005

PATENT NUMBER: WO 200512579 PATENT DATE: 20050210 WPI ACCESSION NO.:

2005-172821 (200518)

PRIORITY APPLIC. NO.: US 491783 APPLIC. DATE: 20030731

NATIONAL APPLIC. NO.: WO 2004US25174 APPLIC. DATE: 20040802

LANGUAGE: English

... ABSTRACT: chosen from acrylamide, activated ester of a carboxylic acid, carboxylic ester, acyl azide, acyl nitrile, aldehyde, alkyl halide, anhydride, aniline, amine, aryl halide, azide, aziridine, boronate, diazoalkane, halocetamide, haloalkyl, halotriazine, hydrazine, imido ester, isocyanate, isothiocyanate, maleimide, phosphoramidite, reactive platinum complex, silyl halide, sulfonyl halide, thiol and...

... hydrazide, amine and a maleimide. The carrier molecule is chosen from amino acid, peptide, protein, polysaccharide, nucleoside, nucleotide, oligonucleotide, nucleic acid polymer, haptens, psoralen, drug, hormone, lipid, lipid assembly, synthetic polymer...

... component protein, dextran, enzyme, enzyme inhibitor, hormone, IgG binding protein, fluorescent protein, growth factor, lectin, lipopolysaccharide, microorganism metal binding protein, metal chelating moiety, non-biological microparticle, peptide toxin, phosphatidylserine-binding protein...

... gels, polymeric membranes, particles, derivatized plastic films, glass beads, cotton, plastic beads, alumina gels, polysaccharides, polyvinyl chloride, polypropylene, polyethylene, nylon, latex bead, magnetic bead, paramagnetic bead, and superparamagnetic bead. The solid support...

... 4-(2,3-dihydro-3-methyl-(benzo-1,3-thiazol-2-yl)-methylidene-1-phenylquinolinium chloride (537 mg), piperazine (40 mg), triethylamine (0.13 ml) and dichloroethane (10 ml) were heated...

20/3,K/7 (Item 6 from file: 357)

DI ALCO R/ File 357: Derwent Biotech Res.

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0299560 DBR Accession No.: 2003-01344 PATENT

New fluorescent derivatizing agents useful for coupling to biomolecules containing aldehydes or ketones, and for labelling e.g. glycoproteins or glycopeptides in electrophoresis gels - DNA or protein label for target staining and high throughput screening

AUTHOR: HAUGLAND R P; STEINBERG T H; PATTON W P; ZHENJUN D

PATENT ASSIGNEE: MOLECULAR PROBES INC 2002

PATENT NUMBER: WO 200228841 PATENT DATE: 20020411 WPI ACCESSION NO.:

2002-618959 (200266)

PRIORITY APPLIC. NO.: US 237932 APPLIC. DATE: 20001002

NATIONAL APPLIC. NO.: WO 2001US30851 APPLIC. DATE: 20011002

LANGUAGE: English

... ABSTRACT: S, with stable chemical bonds; Z1, Z2 = a functional group capable of reacting with an aldehyde or ketone to form a covalent bond; X = CH or -NH-Q-R5; Q = a...

... buffer. USE - For staining a target of interest (e.g. peptide, protein,

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nucleic acid or lipopolysaccharide) in a sample (claimed), for coupling to biomolecules that contain aldehydes, ketones, carboxylic acids and...

... automated methods. ADVANTAGE - The reagents are suitable for coupling to target substances. EXAMPLE - 4-Fluorosulfonyl benzoyl chloride (11 mmol) was added slowly to a solution of 2-(2-amino-phenyl)-3H-quinazolin...

... DMF solution of (a) (5 ml) was slowly added to a methanol solution of anhydrous hydrazine (5 ml). The reaction mixture was stirred at room temperature, concentrated in vacuum poured into...

... in DMF and precipitated and the solubilization and precipitation processes were repeated until the residual hydrazine was completely removed. The crude material was recrystallized to give 4-(N-(2-(4-Oxo...

DESCRIPTIONS: DNA, protein, glycoprotein, glycopeptide, lipopolysaccharide fluorescent label, gel electrophoresis, flow cytometry, HPLC, TLC, capillary electrophoresis, microfluidic device, aldehyde, ketone, carboxylic acid, sulfonic acid coupling, DNA chip, protein chip, appl. target staining, high throughput...